



NISIS Pocket DV2 Digital Video Camera Installation Guide

Revision 1.3

Product Code 14502

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Setting up your NISIS Pocket DV2 Digital Video Camera

Welcome

Thank you and congratulations on your purchase of the NISIS Pocket DV2 Digital Video Camera.

Introduction

The NISIS Pocket DV2 Digital Video Camera is a 5 in 1 Digital Camera.

1. Digital Video Camcorder
2. Digital Still Camera
3. Self Portrait Camera
4. Digital Voice Recorder
5. PC Webcam

Package Contents

Please check that your NISIS Pocket DV2 Digital Video Camera package contains the following items. If you find any parts missing, please contact your supplier immediately.

- NISIS Pocket DV2 Digital Video Camera
- USB cable
- Tripod
- Carrying strap
- Audio Visual Cable
- Installation CD containing the User Guide and Applications
- 2 x AA 1.5 Volt batteries
- Installation Guide (this document)

Minimum System Requirements

- Pentium 300 MHz Processor or faster
- 64 MB of RAM memory (128 MB recommended)
- Graphics adapter with at least 4 MB RAM and capable of displaying at least 24-bit high colour display
- Installed USB port¹
- DirectX 8.0 or later
- Windows 98SE (not Windows 98 First Edition)², ME, 2000 or XP³ operating system
- 4 x Speed CD-ROM Drive
- TV with composite video socket (if you want to display images on your TV)

¹ It is recommended that you check to ensure that your USB ports have been installed, before you commence the installation by following these instructions :-

1. Select Start>Settings>Control Panel. Double click on the System icon and select the Device Manager tab if you have Windows 98SE or ME, or select the Hardware tab then the Device Manager button if you have Windows 2000 or XP.
2. In the list of Devices shown in the Device Manager, there should be a line that reads Universal Serial Bus controllers.
3. Double click on this line. At least two devices should be listed.
4. One line should end with ".....PCI to USB Universal Host Controller" and the other line should read "USB Root Hub"
5. If either or both of these two lines have a yellow explanation mark "!" or a red cross next to them, this indicates your USB controller has a problem. You MUST correct these problems before you attempt to install the Pocket DV2 Digital Video Camera otherwise the installation will fail.

² This product has not been designed to work with the first edition of Windows 98; it requires Windows 98 SE (Second Edition) or Windows ME. If you are running Windows 98, but are not sure which edition you have installed, you can check which version you have by following these instructions.

Select Start>Settings>Control Panel and then click on the Help pull down menu. Select the "About Windows 98" option. The line that refers to "Copyright" has a year date. If the year date is 1997 you have Windows 98 first edition, and if the year date is 1998, then you have Windows 98 SE (Second Edition).

³ If you are running Windows XP, it is strongly recommended that you upgrade Windows XP by installing Windows XP Service Pack 1, before you install the camera. This upgrade can be downloaded from the Microsoft web site. The web page address is <http://support.microsoft.com/default.aspx?scid=kb:en-us:CB22389>

Checking for the latest Manuals and Software Drivers

NISIS continuously strives to improve its products and services, so manuals and software drivers are updated frequently. Before you start the installation of this product, we strongly recommend you visit the NISIS web site at www.nisis.com to ensure you use the latest manual and the latest software drivers for this product

You will find the latest drivers and manuals under the Drivers & Manuals section on the web site. All new manuals have a Revision No. so you can compare the Rev. No. of your manual with the latest Revision on the web site. Similarly, Drivers have Version Numbers so you can check to see whether you already have the latest Drivers Version.

Installation Instructions

IMPORTANT NOTES:

- Please check that your PC meets the minimum system requirements before attempting to install your Pocket DV2 Camera.
- Please take the time to follow these instructions very carefully. An extra few minutes that it takes to ensure you follow these instructions precisely and completely, will help ensure the installation of your NISIS product is successful. If you miss or ignore any of these instructions you may end up with a partial or failed installation, and it can be very difficult to correct a partial or failed installation.
- You need to load the software drivers **BEFORE** you connect the Pocket DV2 Camera to your PC.
- Before you purchase a Compact Flash Memory Card for this camera, please check which manufacturers Compact Flash Memory Cards have been tested and found to be compatible with this camera. If you have access to the Internet, then you can see the latest up-to-date list in the Frequently Asked Questions section on the NISIS web site. If you don't have access to the Internet, then you will find a list at the end of this Installation Guide.

If you are running Windows 98SE or 2000, please skip to the section headed Background Tasks

For Windows ME and Windows XP users

Windows ME and Windows XP both have a facility called System Restore, which enables you to go back to a previous state, if problems occur with your computer. This feature can be very useful, if you experience a problem during the installation of a new application program or a new hardware device.

Although it is very unlikely that you will encounter a problem when installing new devices, it is sensible to make use of this System Restore facility if you are running Windows ME or Windows XP. You can think of it as you think of car seat belts. You don't expect to be involved in a car accident, but just in case, most of us feel more comfortable wearing a seat belt.

It is suggested that before you start the installation of your new NISIS product, you create a System Restore point, which you can go back to in the unlikely event that you experience a problem during the installation.

Windows ME

To create a System Restore point when you are running Windows ME, click on Start>Programs>Accessories>System Tools>System Restore. Select the option "Create a restore point", then click "Next". In the Name box where you can name the particular Restore point, type something that is meaningful, such as "Before installation of NISIS Camera", then click the "Next" button. At the next screen, click "OK" and you will have created your Restore point.

Windows XP

To create a System Restore point when you are running Windows XP, click on Start>System Restore. Select the option "Create a restore point", then click "Next". In the Name box where you can name the particular Restore point, type something that is meaningful, such as "Before installation of NISIS Camera", then click the "Create" button. At the next screen, click "OK" and you will have created your Restore point.

Now continue with the installation, ensuring you are using the latest Manuals and Device Drivers. If you experience a problem during the installation, go to the end of this manual and read the section headed "Restoring System Status for Windows ME and XP users".

Background Tasks

Before installing any Programs, Drivers or Hardware, you should ensure that all other programs and background tasks are closed. This applies to whatever Programs, Drivers or Hardware you are installing and is not specific to NISIS products. To check what background tasks are running, hold the "Ctrl" and "Alt" keys down on your keyboard while you press the "Delete" key once only.

If you are running Windows 98SE or ME, you should see a list of programs that are running in the background.

If you are running Windows 2000, you should see a Windows Security window. Click on the Task Manager button, then select the Application tab, to see a list of programs that are running in the background.

If you are running Windows XP you will see a Windows Task Manager window. Select the application tab to see a list of programs that are running in the background.

Some of these programs or background tasks are necessary for Windows to function correctly, but most others are background tasks such as mouse drivers, virus checkers and other communication programs, should be shut down, temporarily, while you install new application programs, drivers or hardware.

If you see "Explorer" listed, leave it displayed. If you see "Systray" listed, leave it displayed. All other tasks can be ended.

You close down a Task by highlighting it, then clicking on the "End Task" button. Some tasks will end immediately, while others may take some time before you see the screen confirming the task has ended.

Once all the tasks that you have chosen to close down, have ended, you can start the installation of your NISIS product drivers.

When you restart your PC, all tasks that you ended, will start again as usual.

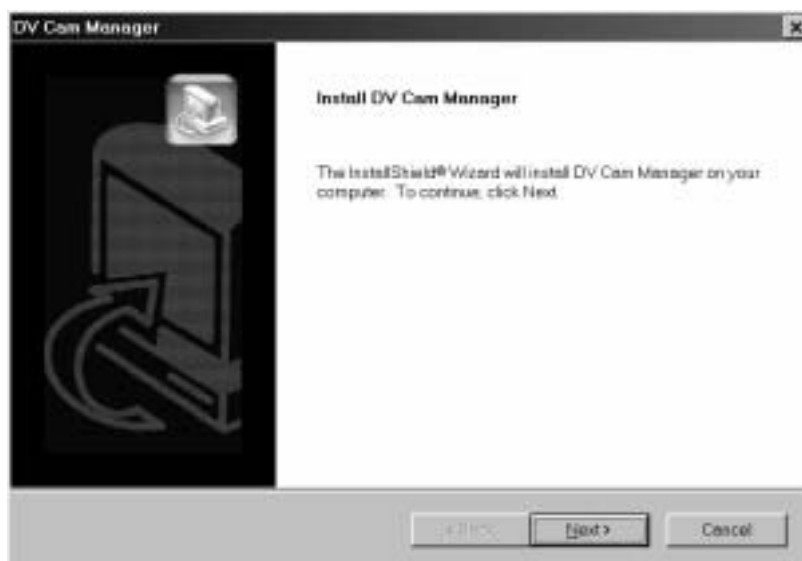
Don't forget that each time you restart your PC, background tasks are enabled again. So if you are installing several programs, which require you to reboot your PC after each installation, you will need to temporarily end each background task after every restart until you have completed all the installations.

Installing the Pocket DV2 Digital Video Camera Device Drivers on PCs running Windows 98SE & ME

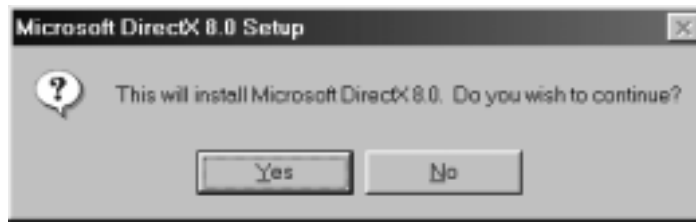
1. Insert the Installation CD into your CDROM Drive. The CD should automatically show the Installation screen. If the CD does not autostart, then you can start the "Setup.exe" program manually by clicking on the Windows "Start" button, select the "Run..." option, click on the "Browse..." button, and locate your CD ROM Drive (usually drive "D"), and select the "Setup.exe" program, click on the "Open" button, and finally click on the "OK" button.



2. Select "DV Cam Manager" from the list.



3. Click Next
4. If your computer has a version of DirectX that is earlier than version 8.0, then you will see the following screen. Click Yes, and follow the instructions on the screen to install version 8.0.



5. Select the option "Yes, I want to restart my computer now" and click Finish.
6. When your computer restarts, you should find a new shortcut named "DV Cam Manager" on your desktop.



Installing the Pocket DV2 Digital Video Camera Device Drivers on PCs running Windows 2000

1. Insert the Installation CD into your CDROM Drive. The CD should automatically show the Installation screen. If the CD does not autostart, then you can start the "Setup.exe" program manually by clicking on the Windows "Start" button, select the "Run..." option, click on the "Browse..." button, and locate your CD ROM Drive (usually drive "D"), and select the "Setup.exe" program, click on the "Open" button, and finally click on the "OK" button.



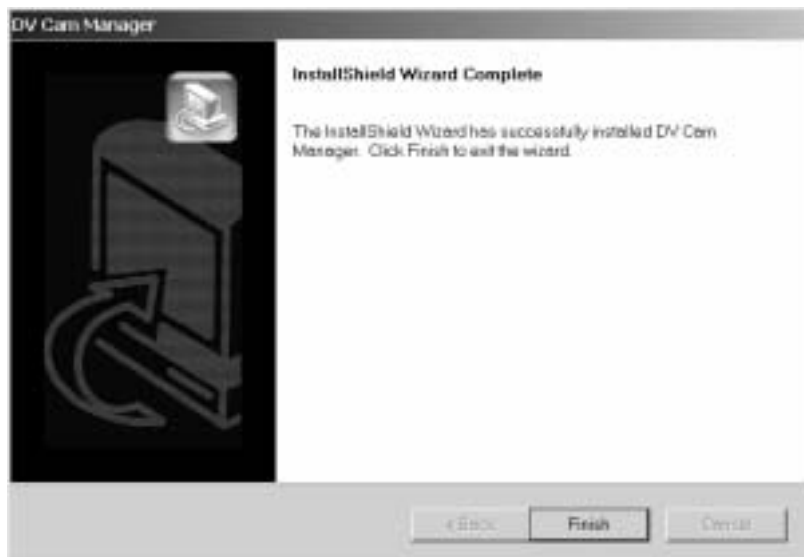
2. Select "DV Cam Manager" from the list.



3. Click Next



4. If a Digital Signature Not Found window is displayed, click Yes.
5. If a Digital Signature Not Found window is displayed again, click Yes.



6. Click Finish
7. If your computer has a version of DirectX that is earlier than version 8.0, then you will see the following screen. Click Yes, and follow the instructions on the screen to install version 8.0.



8. When DirectX Version 8.0 has been installed your computer will restart. When your computer has restarted, you should find a new shortcut named “DV Cam Manager” on your desktop.



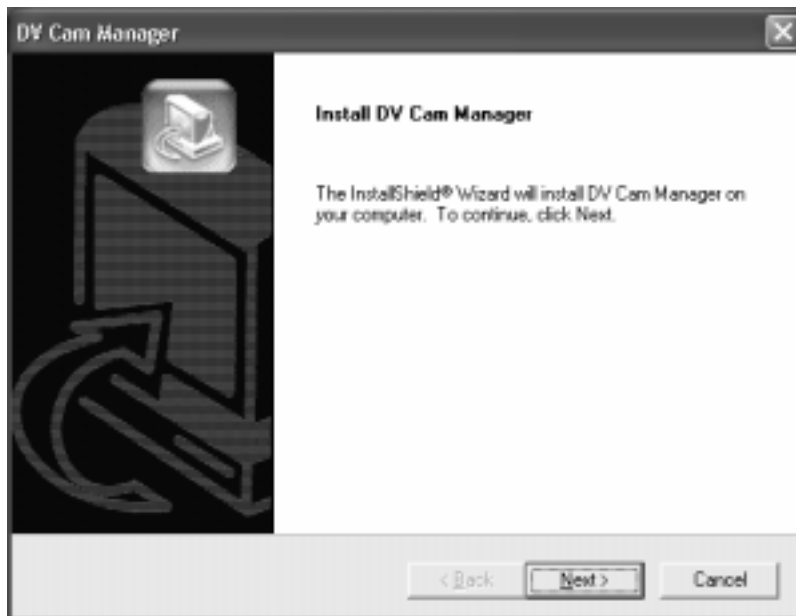
Installing the Pocket DV2 Digital Video Camera Device Drivers on PCs running Windows XP

Note: Before you install the Pocket DV2 Camera, it is strongly recommended that you upgrade your version of Windows XP by installing the Windows XP Service Pack 1 upgrade which can be downloaded from the Microsoft web site at :- <http://support.microsoft.com/default.aspx?scid=kb:en-us:Q322389>

1. Insert the Installation CD into your CDROM Drive. The CD should automatically show the Installation screen. If the CD does not autostart, then you can start the “Setup.exe” program manually by clicking on the Windows “Start” button, select the “Run...” option, click on the “Browse...” button, and locate your CD ROM Drive (usually drive “D”), and select the “Setup.exe” program, click on the “Open” button, and finally click on the “OK” button.



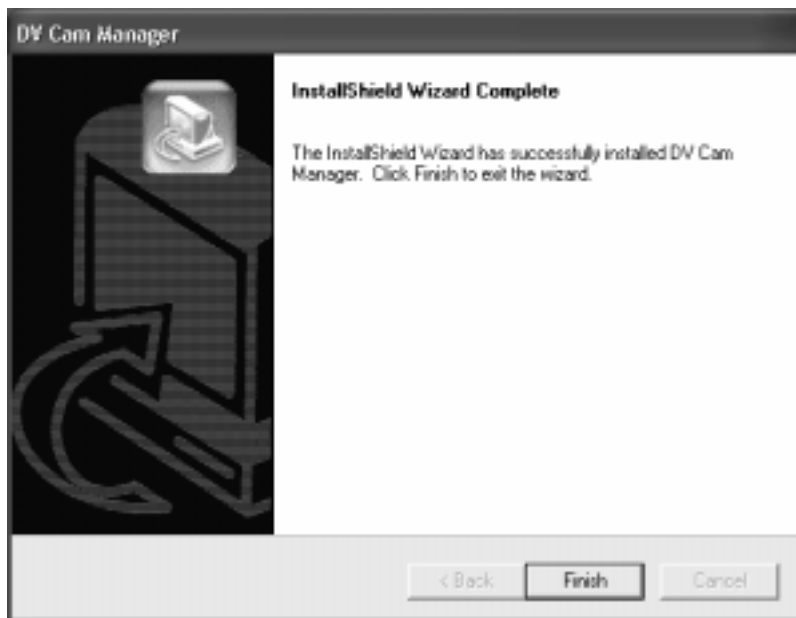
2. Select “DV Cam Manager” from the list.



3. Click Next



4. If you see the message shown above, click "Continue Anyway" Repeat each time the message appears.



5. Click Finish
6. Your Windows desktop should now have a new short cut named "DV Cam Manager".



Pocket DV2 Digital Video Camera User Guide



The Pocket DV2 Digital Video Camera Installation CD contains the DV Cam Manual in Adobe Acrobat file format. It is suggested that you now print the DV Cam Manual from the Installation CD. Insert the Pocket DV2 Digital Camera Installation CD into your CD-ROM Drive, then click on the option “DV Cam Manual” which is shown in the screen shot above.

You only need to print the first 37 pages of the manual if your preferred language is English. The remaining pages are in other languages.

If you cannot open the DV Cam Manual from the menu shown above, you can manually open it by running the Acrobat Reader program then opening the DV Cam Manual which should be located at D:\Manual1\eng.pdf (assuming your CD-ROM drive is drive D).

You will need to have Adobe Acrobat reader installed on your PC to display and print the User Guide. If you don't have Adobe Acrobat Reader installed on your PC, you can download the free Adobe Acrobat Reader from the Adobe web site at <http://www.adobe.com>.

Alternatively, you can download the latest version of the Pocket DV2 Digital Video Users Guide from the NISIS web site.

Application Programs on the Installation CD

It is suggested that at this point, you do not install any of the additional Application programs that are on the Installation CD. Wait until you have completed the installation of the Pocket DV2, and you have been successful in taking photographs and uploading them to your PC.

Installing the Camera's batteries

Slide off downwards, the battery cover on the side of the Camera. Take care to insert the 2 batteries the correct way round, using the diagram inside the battery compartment in the camera, as a guide.

Replace the battery cover.

Connecting the Pocket DV2 Digital Video Camera to your PC

Ensure you have installed the DV Cam Manager **BEFORE** you connect your Digital Camera to your PC.

Please take great care when connecting the cable to your camera as if it is forced, it may damage the camera. The cable plugs into the small socket marked “USB” on the back of the camera. It can only plug in, one way round, so if it doesn't appear to plug in, don't force it, but turn the plug over and try again.

Because the Digital Camera is a USB device, you do not need to switch your PC off before physically connecting it to your PC USB socket.

After you have plugged the USB cable into the camera, you can plug the other end of the USB cable into a free USB port which should be located at the back of your PC. The camera should produce an audible sound which indicates that power from the USB port has been detected. (The sound does not necessarily indicate that the drivers have been installed successfully).

Installing a Compact Flash Memory Card

Please check that you have a Compact Flash (CF) Memory Card from one of the recommended manufacturers listed at the end of this Installation Guide. If your CF Card is not made by one of the manufacturers listed at the end of this Installation Guide, then it may not work reliably in this camera.

On one edge of the CF Card are the sockets that connect with the camera CF Card socket. Slide the card into the CF Card slot in the camera with the CF Card sockets towards the camera.

Compact Flash Memory Cards can only be inserted into the CF Card slot at the back of the camera, one way. If you feel resistance when trying to install the card, do not apply force which may damage the card slot connector. You may have the card the wrong way round. Just remove the CF Card and turn it around and try again. When the CF Card is installed correctly, the back of the card should be flush with the back of the camera.

To remove a CF Card from the camera, slide the button marked "EJECT" toward the back of the camera

Installation of the Application Software on the Installation CD

Once you have ensured that the Pocket DV2 Camera is working correctly and you have been successful in transferring still photographs, video clips and sound recordings to your computer, then you can install whichever of the applications on the Installation CD you wish.

You do not have to install these optional applications. Many users already have application programs that they are familiar with and therefore wish to continue to use those programs, or they have no need for these applications. Please visit the NISIS web site FAQs section for more details of these applications so you can decide whether you wish to install them.

Don't forget that each time you restart your PC, background tasks are enabled again. So if you are installing several programs, which require you to reboot your PC after each installation, you will need to temporarily end each background task after every restart until you have completed all the installations.

Insert the Installation CD into your CDROM Drive. The CD should automatically show the Installation screen. If the CD does not auto start, then you can start the "Setup.exe" program manually by clicking on the Windows "Start" button, select the "Run..." option, click on the "Browse..." button, and locate your CDROM Drive (usually drive "D"), and select the "Setup.exe" program, click on the "Open" button, and finally click on the "OK" button.

Select the first application you wish to install, and follow the instructions on the screen.

You may be asked to enter a CD-Key No. You will find this number printed on the front of the CD.

Repeat until you have installed all the applications you wish to install from the Installation CD.

Once you have installed the applications on the Installation CD, you can install the Ulead Video Studio application by inserting the Ulead Video Studio Installation CD and following the instructions on the screen.

Application Manuals

You will find manuals that can be printed for each application, on the Installation CDs.

Registering your NISIS Pocket DV2 Digital Video Camera

Please register your NISIS Pocket DV2 Digital Video Camera on-line by visiting the NISIS web site at www.nisis.com. You will be issued with a NISIS Registration Number which you will need to quote to receive free technical support.

Please visit the NISIS web site and read the Frequently Asked Questions section covering your NISIS product. There you will find useful Hints and Tips on how to get the very best out of your new device.

If you have problems during the installation of your NISIS Pocket DV2 Digital Video Camera

If you have problems during the installation, please first of all, visit the Support pages on the NISIS web site at www.nisis.com. Check the Frequently Asked Questions (FAQs) which contain Hints and Tips on how to overcome some of the more usual problems you may encounter during installation and operation of the product.

If you are still unable to find a solution, then please complete and submit the NISIS Technical Support Questionnaire on the NISIS web site. You will then be issued a case number automatically. We shall then contact you with our suggestions as soon as possible.

IMPORTANT NOTE: We will need you to complete and submit the NISIS Technical Support Questionnaire on the NISIS web site, to supply our technical staff with enough information about your system setup, to determine the best remedy.

Restoring System Status for Windows ME and XP users

If you are running Windows ME or Windows XP and you experience a problem during the installation, please follow the suggestions above, first. If you have read the FAQs section, checked that you are using the latest installation guide, and the latest Device Drivers, checked your computer meets the minimum system requirements and you still have a problem, then you can restore your computer to the Restore point you created before you started the installation.

Windows ME

To restore your computer to the Restore point you created earlier, click on Start>Programs>Accessories>System Tools>System Restore. Select the option "Restore my computer to an earlier time" and click "Next". Select the day that

you created your Restore point and then select the specific restore point that you named earlier, and click "Next". Follow the instructions on the screen to complete restoring your computer to the status it was in before you started to install your NISIS product.

Windows XP

To restore your computer to the Restore point you created earlier, click on Start>System Restore. Select the option "Restore my computer to an earlier time" and click "Next". Select the day that you created your Restore point and then select the specific restore point that you named earlier, and click "Next". Follow the instructions on the screen to complete restoring your computer to the status it was in before you started to install your NISIS product.

Now you will be ready to reinstall the NISIS product ensuring that you follow the instructions in the latest installation guide, precisely.

Uninstalling the Pocket DV2 Digital Video Camera and its Device Drivers

These instructions are for uninstalling the Pocket DV2 Digital Video Camera and its Device Drivers, from a computer running Windows ME. Different versions of Windows will show slightly different screens during the uninstall procedure, but the differences are very small and you should find no difficulty in uninstalling from other versions of Windows.

Note: You must have your Pocket DV2 Digital Video Camera connected to your computer to successfully uninstall the Camera and its Device Drivers.

1. Open Control Panel: Start>Settings>Control Panel.
2. Double click on the Add/Remove Programs icon.
3. Select "DV Cam Manager".
4. Click on the Add/Remove button.
5. Follow the instructions on the screen.
6. Switch off your computer, and disconnect the Camera USB cable from your computer.

You have now removed the Pocket DV2 Digital Video Camera and its drivers from your computer.

Contact details

Web site: www.nisis.com

Telephone: For UK residents 0845 458 8750 at local rates from within the UK
For European residents +44 845 458 8750 from outside the UK
For US residents 1 866 22 64747 (1 866 22 NISIS)
* Please complete and submit the NISIS Technical Support Questionnaire, before calling the NISIS Technical Support department.

Email: support@nisis.com

Post: Netway Components Ltd.
Unit 3A
Arnold Business Park
Branbridges Road
East Peckham
Kent
TN12 5LG
United Kingdom

For more products and full information visit our web site at: www.nisis.com

Compact Flash Memory Cards tested with the NISIS Pocket DV2 Digital Video Camera

This list is up-to-date at the time this manual was printed. For the very latest compatibility list, please visit the Frequently Asked Questions section on the NISIS web site.

- Transcend
- HP
- PQI
- PRETEC
- Sandisk
- Toshiba